

**What the invention claimed is:**

1. An indicator circuit arrangement installed in a transmission cable comprising a cable, two electric connectors respectively connected to two distal ends of said cable for  
5 connecting a peripheral apparatus to a computer for signal transmission, and a plurality of indicator lights respectively installed in said electric connectors, the indicator circuit arrangement comprising a cord-like electroluminescent lamp installed in said cable and axially extended between said two  
10 electric connectors, and a detector converter circuit mounted in one said electric connector and electrically connected to said cord-like electroluminescent lamp and the indicator lights of said electric connector and adapted to detect electric connection of said electric connectors between the computer and the  
15 peripheral apparatus and to drive on/off said cord-like electroluminescent lamp and the indicator lights of said electric connector subject to the connection status of said electric connectors between the computer and the peripheral apparatus.